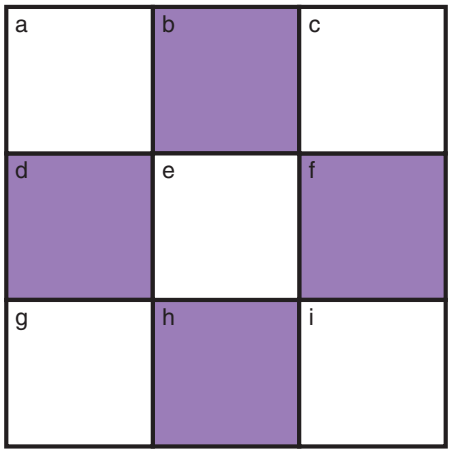
Fractions

KAKOOMA

Advanced Level – Puzzle # 1

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{16}{30}$	$\frac{12}{30}$	$\frac{13}{30}$	$\frac{8}{30}$	$\frac{19}{30}$	$\frac{5}{30}$	$\frac{16}{30}$	$\frac{13}{30}$	$\frac{15}{30}$
$\frac{11}{30}$	$\frac{14}{30}$	$\frac{3}{10}$	$\frac{13}{30}$	$\frac{16}{30}$	$\frac{4}{30}$	$\frac{23}{30}$	$\frac{11}{30}$	$\frac{21}{30}$
$\frac{15}{30}$	$\frac{7}{30}$	$\frac{10}{30}$	$\frac{7}{30}$	$\frac{10}{30}$	$\frac{22}{30}$	$\frac{22}{30}$	$\frac{4}{10}$	$\frac{14}{30}$
$\frac{21}{30}$	$\frac{11}{30}$	$\frac{13}{30}$	$\frac{8}{30}$	$\frac{20}{30}$	$\frac{23}{30}$	$\frac{14}{30}$	$\frac{20}{30}$	$\frac{8}{30}$
$\frac{20}{30}$	$\frac{15}{30}$	$\frac{17}{30}$	$\frac{3}{10}$	$\frac{22}{30}$	$\frac{16}{30}$	$\frac{17}{30}$	$\frac{23}{30}$	$\frac{11}{30}$
$\frac{16}{30}$	$\frac{10}{30}$	$\frac{22}{30}$	$\frac{18}{30}$	$\frac{19}{30}$	$\frac{17}{30}$	$\frac{7}{30}$	$\frac{5}{30}$	$\frac{2}{30}$
$\frac{18}{30}$	$\frac{20}{30}$	$\frac{10}{30}$	$\frac{13}{30}$	$\frac{23}{30}$	$\frac{22}{30}$	$\frac{12}{30}$	$\frac{4}{30}$	$\frac{21}{30}$
$\frac{4}{10}$	$\frac{17}{30}$	$\frac{15}{30}$	$\frac{18}{30}$	$\frac{12}{30}$	$\frac{8}{30}$	$\frac{20}{30}$	$\frac{5}{30}$	$\frac{13}{30}$
$\frac{14}{30}$	$\frac{22}{30}$	$\frac{19}{30}$	$\frac{19}{30}$	$\frac{2}{30}$	$\frac{7}{30}$	$\frac{11}{30}$	$\frac{22}{30}$	$\frac{2}{10}$



Final answer:

Flip side: a=18/32 b=8/32 c=11/32 d= **20/32** e=12/32 f=17/32 g=21/32 h=16/32

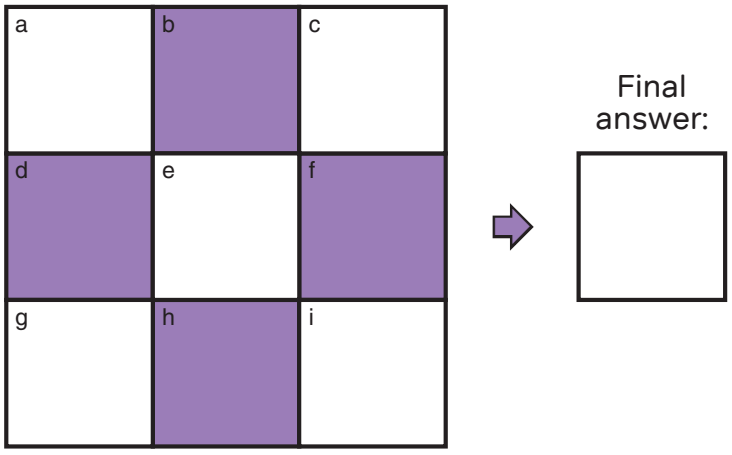
Fractions

KAKOOMA

Advanced Level – Puzzle #2

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{19}{32}$	$\frac{20}{32}$	$\frac{18}{32}$	$\frac{23}{32}$	$\frac{10}{32}$	$\frac{8}{32}$	$\frac{23}{32}$	$\frac{9}{32}$	$\frac{5}{32}$
$\frac{17}{32}$	$\frac{8}{32}$	$\frac{10}{32}$	$\frac{3}{32}$	$\frac{5}{32}$	$\frac{17}{32}$	$\frac{11}{32}$	$\frac{2}{8}$	$\frac{7}{32}$
$\frac{21}{32}$	$\frac{15}{32}$	$\frac{14}{32}$	$\frac{19}{32}$	$\frac{21}{32}$	$\frac{1}{32}$	$\frac{6}{32}$	$\frac{22}{32}$	$\frac{10}{32}$
$\frac{23}{32}$	$\frac{17}{32}$	$\frac{20}{32}$	$\frac{1}{32}$	$\frac{4}{8}$	$\frac{12}{32}$	$\frac{16}{32}$	$\frac{17}{32}$	$\frac{20}{32}$
$\frac{3}{8}$	$\frac{8}{32}$	$\frac{19}{32}$	$\frac{14}{32}$	$\frac{20}{32}$	$\frac{7}{32}$	$\frac{2}{8}$	$\frac{18}{32}$	$\frac{19}{32}$
$\frac{16}{32}$	$\frac{14}{32}$	$\frac{21}{32}$	$\frac{18}{32}$	$\frac{22}{32}$	$\frac{5}{32}$	$\frac{21}{32}$	$\frac{9}{32}$	$\frac{23}{32}$
$\frac{13}{32}$	$\frac{22}{32}$	$\frac{17}{32}$	$\frac{1}{32}$	$\frac{19}{32}$	$\frac{21}{32}$	$\frac{20}{32}$	$\frac{10}{32}$	$\frac{16}{32}$
$\frac{21}{32}$	$\frac{11}{32}$	$\frac{20}{32}$	$\frac{23}{32}$	$\frac{8}{32}$	$\frac{3}{8}$	$\frac{3}{32}$	$\frac{9}{32}$	$\frac{14}{32}$
$\frac{18}{32}$	$\frac{23}{32}$	$\frac{2}{8}$	$\frac{6}{32}$	$\frac{10}{32}$	$\frac{16}{32}$	$\frac{18}{32}$	$\frac{5}{32}$	$\frac{22}{32}$



Flip side: a=16/30 b=13/30 c= **23/30** d=21/30 e=17/30 f=7/30 g=22/30 h=19/30

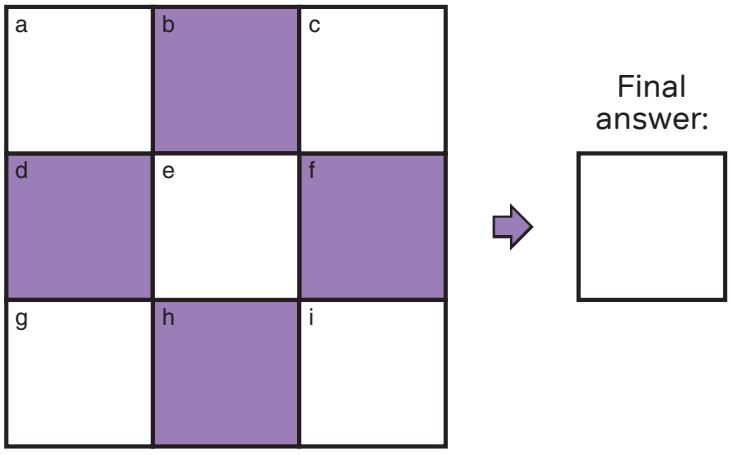
Fractions

KAKOOMA

Advanced Level – Puzzle #3

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{23}{36}$	$\frac{9}{36}$	$\frac{3}{18}$	$\frac{11}{36}$	$\frac{13}{36}$	$\frac{21}{36}$	$\frac{23}{36}$	$\frac{13}{36}$	$\frac{17}{36}$
$\frac{2}{36}$	$\frac{20}{36}$	$\frac{5}{36}$	$\frac{22}{36}$	$\frac{23}{36}$	$\frac{16}{36}$	$\frac{9}{18}$	$\frac{20}{36}$	$\frac{9}{36}$
$\frac{16}{36}$	$\frac{13}{36}$	$\frac{1}{36}$	$\frac{6}{18}$	$\frac{20}{36}$	$\frac{17}{36}$	$\frac{15}{36}$	$\frac{19}{36}$	$\frac{7}{36}$
$\frac{10}{36}$	$\frac{14}{36}$	$\frac{16}{36}$	$\frac{19}{36}$	$\frac{15}{36}$	$\frac{17}{36}$	$\frac{16}{36}$	$\frac{12}{36}$	$\frac{11}{36}$
$\frac{18}{36}$	$\frac{11}{36}$	$\frac{17}{36}$	$\frac{9}{36}$	$\frac{5}{36}$	$\frac{16}{36}$	$\frac{15}{36}$	$\frac{17}{36}$	$\frac{21}{36}$
$\frac{12}{36}$	$\frac{20}{36}$	$\frac{21}{36}$	$\frac{13}{36}$	$\frac{23}{36}$	$\frac{11}{36}$	$\frac{7}{36}$	$\frac{10}{18}$	$\frac{18}{36}$
$\frac{23}{36}$	$\frac{11}{36}$	$\frac{21}{36}$	$\frac{3}{36}$	$\frac{22}{36}$	$\frac{23}{36}$	$\frac{20}{36}$	$\frac{8}{36}$	$\frac{11}{36}$
$\frac{8}{36}$	$\frac{20}{36}$	$\frac{5}{36}$	$\frac{18}{36}$	$\frac{2}{36}$	$\frac{7}{36}$	$\frac{16}{36}$	$\frac{17}{36}$	$\frac{22}{36}$
$\frac{4}{36}$	$\frac{22}{36}$	$\frac{3}{18}$	$\frac{3}{18}$	$\frac{13}{36}$	$\frac{14}{36}$	$\frac{15}{36}$	$\frac{13}{36}$	$\frac{14}{36}$



Flip side: a=22/30 b=16/30 c=4/30 d=21/30 e=**20/30** f=13/30 g=14/30 h=11/30